**Precalculus**

**Notes 3.5**

Ex. 1: pg. 237

Ex. 2: Solve for

Ex. 3: pg. 239

Let Solve for .

Ex. 4: pg. 241

Solve for

Extra Practice:

Solve each equation and round to three decimal places.

1. If is **continuously** invested at a rate of compounded continuously, find the balance in the account after years.
2. You have deposited in an account that pays interest, compounded *quarterly*. How long will it take to *triple* your money?
3. The function models the kindergarten population of North Elementary School years after the year 2000. When will the kindergarten population reach 700?